

**Ferraiolo Corporation  
RR 5 Box 100  
Gardiner, Me. 04841**

## **1.0 STORM WATER POLLUTION PREVENTION PLAN (SWPPP) OVERVIEW**

### **This Storm Water Pollution Prevention Plan:**

- ☒ identifies the SWPPP coordinator with a description of the coordinator's duties;
- ☒ identifies members of the SWPPP team and lists their responsibilities;
- ☒ describes the facility, with information on location and activities, a site map, and a description of the storm water drainage system;
- ☒ identifies potential storm water contaminants;
- ☒ describes storm water management controls and various Best Management Practices (BMP's) needed to reduce pollutants in storm water discharges;
- ☒ describes the facility's monitoring plan; and,
- ☒ describes the implementation schedule and provisions for amendment of the plan

## **2.0 PLANNING AND ORGANIZATION**

### **2.1 SWPP Coordinator and Team**

This is the member roster and list of responsibilities for the pollution prevention team. The team is responsible for implementing the Storm Water Pollution Prevention Plan.

<b>Leaders:</b>	Reuben Bartlett, General Manager	Office phone:	207-582-6162
	Tim Willett, General Superintendent		

#### **Responsibilities:**

Coordinate all stages of plan development, inspections and implementation; coordinate employee training programs; keep all records and ensure that reports are submitted; oversee sampling program.

<b>Member:</b>	John Wilcox	Shop Foreman	Office phone:	207-582-6162
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#### **Responsibilities:**

Implement the preventive maintenance program; oversee good housekeeping activities; serves as spill response coordinator.

<b>Member:</b>	Tim Dupont	Mechanic	Office phone:	207-582-6162
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#### **Responsibilities:**

Conduct/assist with inspections and training program; conduct sampling program.

**LOADING/UNLOADING RACKS**

LOCATION or NAME	PRODUCT	ISSUE or RECEIVE	NEAREST DRAIN or LOW POINT	ESTIMATED SPILL DIRECTION AND RATE	CONTAINMENT & SPILL CONTROL FEATURE
N/A	N/A	N/A	N/A	N/A	N/A

**TANK TRUCK PARKING & PORTABLE TANK STORAGE**

LOCATION	TRUCK or TANK  TYPE & PRODUCT	MAX  COMPARTMENT SIZE (gallons)	ESTIMATED SPILL DIRECTION AND RATE (locate nearest drain)	CONTAINMENT & SPILL  CONTROL FEATURES
N/A	N/A	N/A	N/A	N/A

**DRUM STORAGE**

BLDG or LOCATION	# OF DRUMS	PRODUCT & gal./drum	NEAREST DRAIN	ESTIMATED SPILL DIRECTION AND RATE	CONTAINMENT & SPILL CONTROL  FEATURES
Bldg. 1	Varies	Lubricant	~250' to drainage way	Southerly, ~3feet/sec	Secondary containment pallet
	6 typ	55 gal/drum			Authorized personnel only access

**UNDERGROUND STORAGE TANKS**

TANK NO.	CAPACITY (gallons)	PRODUCT	TANK MONITOR	ESTIMATED SPILL DIRECTION AND RATE	CONTAINMENT & SPILL CONTROL FEATURES
1	4000	Gas	Yes	Double Wall	Double Wall
2	15000	Diesel	Yes	Specification, Inspection	Logs (included in addendum)

**MOTOR FUEL DISPENSERS**

DISP#	# OF HOSES	PRODUCT	NEAREST DRAIN	ESTIMATED SPILL DIRECTION AND RATE	CONTAINMENT & SPILL CONTROL FEATURES
1	1	Gas	300' to drainage way	Southerly, ~ feet/sec	Spill Kit,
2	2	Diesel			Authorized personnel only access

Ferraiolo Corporation SPCC Plan Gardiner Maintenance Garage - Gardiner , ME

### 3.1 General Description:

Ferraiolo Corporation ( Gardiner site) is located at Commonwealth Avenue Gardiner, Me. The site map (Attachment I) shows the location of the facility. The facility covers has one five bay garage, a four bay storage building for equipment. Currently there are eight concrete trucks, nineteen dump trucks, two loaders, one excavator & three pickups/service trucks at this site. There is also a fueling station at this location



#### 3.2 Attachment I - site map

#### 3.3 Significant Material Inventory

Material used by this facility and activities that are exposed to storm water runoff are listed in Attachment II.

#### 3.4 Vehicle wash water and wastewater

Vehicle washing takes place in wash station and recycled in concrete containment

#### 3.5 Steam cleaning - A cleaning area is to be constructed with drainage to holding tank for proper disposal

#### 3.6 A containment beam is to be installed around fueling station with drain to holding tank.

#### 3.7 There have been no significant spills or chronic leaks that have occurred at the facility in the past three years.

#### 3.8 All allowable non-storm water discharge are identified on the site map

#### 3.9 Ferraiolo Construction has no historical monitoring data at this time.

#### 3.10 The following areas are potential sources of contaminations:

Vehicle washing - Residue on the ground from washing vehicles may contaminate storm water - solution

Equipment washing - Residue on the ground from equipment washing could contaminate sotrom water - solution

#### 3.11 Copy of fuel tank specifications and inspection report. (Enclosed)

## 4.1

**Good Housekeeping**

The following is a list of good housekeeping practices followed at this facility.

- ⇒ Washing of equipment and/or vehicles is done in designated areas that allow complete drainage. The water from the concrete pond is recycled by either the washing plant on site or used in the soaping of truck bodies.  
Pond is dredged as needed and we do not allow spillover.
- ⇒ All fluid products and waste are kept indoors.
- ⇒ Waste oil stored in drums outside are kept sealed except when filling.
- ⇒ All changing of fluids is done in the maintenance garage.
- ⇒ Spigots and funnels are used to minimize drips and/or leaks.
- ⇒ Drip pans are used when changing fluids.
- ⇒ All above ground tanks have secondary containment.
- ⇒ Spills are immediately cleaned up with an absorbent - (see spill prevention in response procedures in section 4.7)

## 4.2

**Preventive Maintenance**

The following is a list of preventive maintenance procedures practiced at this facility:

- ⇒ All Staff are aware of spill prevention and response procedures
- ⇒ Spill response equipment is located at all potential spill areas.
- ⇒ All transfers to and from the tank are observed by qualified personnel trained in spill response procedures
- ⇒ Sediment chambers are checked and cleaned as needed.
- ⇒ Drainage swales are kept clean.
- ⇒ Settling basins are cleaned out as necessary
- ⇒ Hydraulic equipment is kept in good repair to prevent leaks.
- ⇒ Outdoor drum and storage tank containment areas are checked for leaks.
- ⇒ Uncontaminated storm water in containment areas is kept to a minimum.

The following is a list of preventive maintenance measures that will be implemented within 30 days.

- ⇒ This facility does not have a written spill prevention and response policy
  - ⇒ We will begin regular inspections of the fueling area for signs of spills or leaks and proper labeling. Hoses and fittings will also be regularly inspected.
  - ⇒ Begin regular inspections of above ground storage tanks for signs of corrosion or leaks.
  - ⇒ All materials, waste storage areas, drains, tanks and cans will be properly labeled.
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#### 4.3 Best Management Practices (BMP's)

The following is a list of existing and planned Best Management Practices. When implemented, the BMP's will prevent or reduce the discharge of potential pollutants in storm water runoff:

Loading and unloading areas.

To prevent or reduce the potential of storm water contamination in the loading and unloading areas, the following BMP's will be implemented:

- ⇒ Loading and unloading are done inside where possible.
- ⇒ Hazardous materials that are in easily ripped or breakable containers (such as bags, plastic pails) are not loaded or unloaded outside when it rains.
- ⇒ A staff member is present during loading and unloading operations.
- ⇒ Emergency spill kits are placed in the loading/unloading areas.
- ⇒ Gas and diesel tanks are double walled and stainless steel. Loading is supervised by the shop personnel.
- ⇒ Scrap metal. All scrap metal is cleaned of hazardous materials prior to storage on the scrap metal pile. Salvage vehicles have fluids removed prior to storage.
- ⇒ Dumpster lid is closed except when in use.

#### 4.4 Sediment and Erosion Control

Below is a list of potential erosion areas and measures to prevent erosion:

- ⇒ Potential source of erosion: Slopes of access road and perimeter of the site.
- ⇒ Management practices to prevent erosion: Seed unvegetated areas and stabilize sloped areas.
- ⇒ Potential source of erosion: Most of the yard is sand and gravel.
- ⇒ Management practices to prevent erosion: Have rip-rap and sediment trap at storm water discharge points.

#### 4.5 Management of Storm Water runoff

The following management practices for runoff are used at this facility:

- ⇒ Runoff from the site goes overground.
  - ⇒ All wash water, garage water, an surface water at pump site will be pumped to storare tank for proper disposal.
  - ⇒ Impervious areas have no curbs in order to encourage sheet flow runoff to vegetative areas.
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## Spill Prevention and Response

- ⇒ Spill response equipment is located at the maintenance garage, at fueling stations and concrete batch plant and includes absorbent pads and speedi-dri.
- ⇒ The pollution prevention team leader or the spill coordinator will be advised immediately of all spills of hazardous materials or regulated materials, regardless of quantity.
- ⇒ Spills will be evaluated to determine the necessary response. If there is a health hazard, fire or explosion potential, 911 will be called. If a spill is large or threatens surface waters, including storm drains, state or federal emergency response agencies will be called.
- ⇒ Spills will be contained as close to the source as possible with a dike of absorbent materials from the emergency spill kit. Additional dikes will be constructed to protect swales or other storm water conveyances of streams. A cover or dike will protect any other storm water structures such as catch basins.

## 4.7

## Employee Training

The topics below will be covered at employee training sessions. All employees will be trained annually.

- ⇒ Spills and leak prevention - Erosion control - Truck and Equipment washing - Loading/unloading drums, cargo, etc. - Mixing/Loading of salt and sand and any other topics which may be pertinent..

Pollution prevention team members will meet at least twice a year to discuss the effectiveness of and improvements to the Plan.

**5.1 Quarterly Visual Monitoring:**

- ⇒ Every quarter we will visually inspect the storm water outfalls at our facility. The visual examination will be made during daylight hours. We will document observed contamination/problems with date and time, determine the source of contamination and take action to eliminate it.

**5.2 Annual site Inspections:**

**Comprehensive Site Compliance Evaluation**

- ⇒ We will inspect our entire facility at least once a year for evidence of pollution, evaluate BMP's that have been implemented, and inspect equipment. The site inspection report will include date of inspection, name or personnel conducting the inspection, observations, assessment of BMP's, corrective actions taken, and a signed certification.

**5.3 Recordkeeping and Reporting**

Records described in the SWPPP will be retained on site for 5 years from the date of the cover letter that notifies this facility of coverage under the storm water permit. These records will be made available to state or federal inspectors upon request. Additionally, employee training records shall also be maintained.

**5.4 Plan Revisions**

If this facility expands its operations, or changes any significant material handling or storage practices which could impact storm water, this SWPPP will be amended. The amended Plan will describe the new activities that contribute to increased pollution and planned control measures.

This plan will also be amended if a state or federal inspector determines that it is not effective in controlling storm water pollutants discharged to waterways.

**CERTIFICATIONS**

**This page includes certifications for our Non-Storm Water Discharges and our Storm Water Pollution Prevention Plan.**

Non-Storm Water Discharges: All storm water outfalls to surface waters at this facility have been evaluated and found to be free of non-storm water discharges.

Storm Water Pollution Prevention Plan: This Storm Water Pollution Prevention Plan has been prepared in accordance with good engineering practices. Qualified personnel properly gathered and evaluated information submitted for this Plan. The information in this Plan, to the best of my knowledge, is accurate and complete.

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Name

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Title

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Date



ATTACHMENT 3

List of significant spills (in excess of 5 gallons) and chronic Leaks

DATE	SPILL OR LEAK	SOURCE	DESCRIPTION			RESPONSE PROCEDURES	MEASURES TAKEN TO PREVENT RECCURRENCE
			Type of Material	Quantity	Reason		
	Spill/Leak	Various equip and trucks	oil and hydraulic	n/a	leaks	Contaminated soil to be processed thru the hot top plant Absorbent pads used to clean up spill	Increased preventive maint to help find and repair potential problems

ATTACHMENT II - SWPPP MATERIAL INVENTORY

MATERIAL	ACTIVITY/ USE	QUANTITY STORED ABOVE/BELOW GROUND	POLLUTANT	LIKELIHOOD OF CONTACT W/ STORM WATER	COMMENTS
Equipment	washing		grease,oils and/or detergents	medium	Water is recycled at wash station at Farmingdale in a concrete containment
Vehicles	washing		engine oil, hydraulic fluids	medium	
Equipment	storage		grease, oils, detergents	low	Any leaks are contained with absorbant pads and/ or taken to the Asphalt Plant for reclamation.
Vehicles	storage		sand, salt and detergents	low	
Waste Oils	Repair as needed		oils	medium	Oil is recycled in burner for heat in garage. Drum stored in garage Holding tanks have secondary containment.
Used Tires	Repair as needed			low	Tires stored in lean-to awaiting pickup or disposal
Dumpster	solid waste disposal	5 yards		low	Will be covered when not in use

MATERIAL	ACTIVITY/ USE	QUANTITY STORED ABOVE/BELOW GROUND	POLLUTANT	LIKELIHOOD OF CONTACT W/ STORM WATER	COMMENTS
Gas	Vehicle	4,000 gallon / below ground	Fuel	low	Double walled tank See Attachment 1
Diesel Fuel	Vehicle Fueling	10,000 gallons/ below ground	fuel	low	Double wall tank tank See Attachment 1
Motor Oil and Hydraulic fluid	Maintenance	3 Tanks, 300 gallon/above ground 150 gallon/above ground 250 gallon/above ground	oil hydraulic fluid	low	In maintenance shop - in holding tanks Shop has secondary containment
Heating Oil	Heating	275 Gallon above ground tank	oil	low	Stored in garage Shop has secondary containment
Used Oil	Heating		used oil	low	Tank in concrete containment
Used oil	Heating	5,000 Gallon/above ground	used oil	low	Tank in concrete containment
Used Oil	Heating	800 Gallon/above ground	used oil	low	In garage Shop has secondary containment
Solvents Soap & Acids	Cleaning vehicles/equip	55 gallon drums above ground	soap/acids	low	Stored in garage and
Used Batteries	Maintenance		acid	low	Removed by Battery Salesman weekly from storage inside garage

Tank / Product Capacity	Tank 1 4,000 gal.	Tank 2 10,000 gal.	Tank 3 300 gal.	Tank 4 150 gal.	Tank 5 250 gal.	Tank 6 275 gal.	Tank 7 5,000 gal.	Tank 8 800 gal.
General Condition of Tank (Note any deformations. Corrosion, staining, ect.)								
General Condition of Secondary Containment (Note any cracks, drain vavle closed/locked ect.)								
Foundation/Tank Base (Note any staining, spils, water against base, ect.)								
Pumps and Piping								
Hose and Fitting								

This Report shall be kept on file for at least three years.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

GARTRINER Shop.

Em Player  
Parking



OIL SPILL Containment Enclosed  
Maintenance Shop.

Tire Room  
COVERED STORAGE  
Tires Equip

HAZARDOUS waste Tank  
RR/Car

RR Car

Wash + Steam Bay

1 U.G. 1500 Concrete Tank  
To be pump as needed

Equipment  
Parking

Common weath

Berm  
Fuel Island  
Berm  
Plus installed DUNN'S RAIN EVENTS  
SPILL DRAIN  
FOR fuel station

15,000 UG TANK  
11,000 D 4000 G.

EQUIPMENT PARKING

TO City Drain System